

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTABEM1624

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 28	CA/Caplus patent coverage enhanced
NEWS	3	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS	4	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	5	JUL 28	STN Viewer performance improved
NEWS	6	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	7	AUG 13	CA/Caplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	8	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	9	AUG 15	Caplus currency for Korean patents enhanced
NEWS	10	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS	11	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS	12	SEP 25	CA/Caplus current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS	13	SEP 26	WPIDS, WPINDEX, and WPIX coverage of Chinese and Korean patents enhanced
NEWS	14	SEP 29	IFICLS enhanced with new super search field
NEWS	15	SEP 29	EMBASE and EMBAL enhanced with new search and display fields
NEWS	16	SEP 30	CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
NEWS	17	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS	18	OCT 07	Multiple databases enhanced for more flexible patent number searching
NEWS	19	OCT 22	Current-awareness alert (SDI) setup and editing enhanced
NEWS	20	OCT 22	WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
NEWS	21	OCT 24	CHEMLIST enhanced with intermediate list of pre-registered REACH substances
NEWS EXPRESS	JUNE 27 08	CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.	
NEWS HOURS		STN Operating Hours Plus Help Desk Availability	
NEWS LOGIN		Welcome Banner and News Items	
NEWS IPC8		For general information regarding STN implementation of IPC 8	

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:15:04 ON 30 OCT 2008

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:15:25 ON 30 OCT 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

DICTIONARY FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

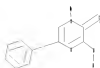
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10583782.str



```

chain nodes :
7 8 9 11
ring nodes :
1 2 3 4 5 6 14 15 16 17 18 19
chain bonds :
2-14 4-11 5-9 6-7 7-8
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 14-15 14-19 15-16 16-17 17-18 18-19
exact/norm bonds :
1-2 1-6 2-3 3-4 4-11 5-6 5-9 6-7
exact bonds :
2-14 4-5 7-8
normalized bonds :
14-15 14-19 15-16 16-17 17-18 18-19
isolated ring systems :
containing 1 : 14 :
```

G1:O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 11:Atom
14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom

Generic attributes :

11:

Saturation : Saturated
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : 2 or more
Type of Ring System : Monocyclic

Element Count :

Node 11: Limited

C,C0

N,N0

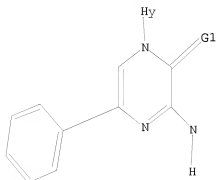
L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1

STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:16:51 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 71 TO ITERATE

100.0% PROCESSED 71 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

 BATCH **COMPLETE**

PROJECTED ITERATIONS: 915 TO 1925

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 14:17:02 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1482 TO ITERATE

100.0% PROCESSED 1482 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=> fil cap

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

179.74

179.95

FILE 'CAPLUS' ENTERED AT 14:17:38 ON 30 OCT 2008

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FILE COVERS 1907 - 30 Oct 2008 VOL 149 ISS 18
FILE LAST UPDATED: 29 Oct 2008 (20081029/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

```
=> s us 2006-583782/apps
      1 US2006-583782/AP
      0 US2006-583782/PRN
L4      1 US 2006-583782/APPS
        (US2006-583782/AP,PRN)
```

```
=> fil reg
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY           SESSION
FULL ESTIMATED COST                4.72          184.67
```

FILE 'REGISTRY' ENTERED AT 14:18:27 ON 30 OCT 2008
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DICTIONARY FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

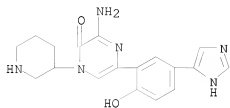
<http://www.cas.org/support/stngen/stdoc/properties.html>

```
=> tra rn l4
L5      TRANSFER L4 1- RN :      106 TERMS
L6      106 L5
```

=> d scan

```
L6      106 ANSWERS  REGISTRY  COPYRIGHT 2008 ACS ON STN
IN      2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(1H-imidazol-5-yl)phenyl]-1-(3-
```

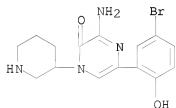
piperidinyl)-
MF C18 H20 N6 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

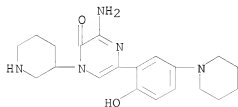
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-(5-bromo-2-hydroxyphenyl)-1-(3-piperidinyl)-
MF C15 H17 Br N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

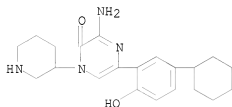
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(1-piperidinyl)phenyl]-1-(3-piperidinyl)-
MF C20 H27 N5 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

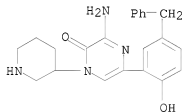
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN 2(1H)-Pyrazinone, 3-amino-5-(5-cyclohexyl-2-hydroxyphenyl)-1-(3-
 piperidinyl)-
 MF C21 H28 N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

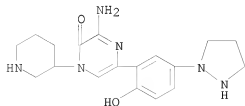
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN 2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(phenylmethyl)phenyl]-1-(3-
 piperidinyl)-
 MF C22 H24 N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN 2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(1-pyrazolidinyl)phenyl]-1-(3-
 piperidinyl)-
 MF C18 H24 N6 O2



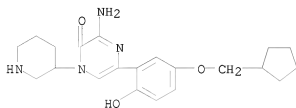
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 2(1H)-Pyrazinone, 3-amino-5-[5-(cyclopentylmethoxy)-2-hydroxyphenyl]-1-(3-piperidinyl)-

MF C21 H28 N4 O3



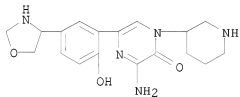
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(4-oxazolidinyl)phenyl]-1-(3-piperidinyl)-

MF C18 H23 N5 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

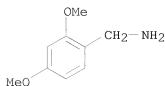
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Benzenemethanamine, 2,4-dimethoxy-

MF C9 H13 N O2

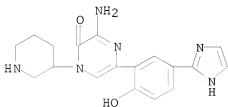
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

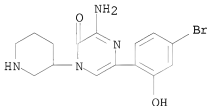
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(1H-imidazol-2-yl)phenyl]-1-(3-piperidinyl)-
MF C18 H20 N6 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

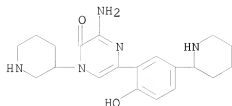
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-(4-bromo-2-hydroxyphenyl)-1-(3-piperidinyl)-
MF C15 H17 Br N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

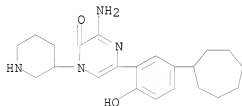
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(2-piperidinyl)phenyl]-1-(3-piperidinyl)-
MF C20 H27 N5 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

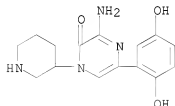
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN 2(1H)-Pyrazinone, 3-amino-5-(5-cycloheptyl-2-hydroxyphenyl)-1-(3-
 piperidinyl)-
 MF C22 H30 N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN 2(1H)-Pyrazinone, 3-amino-5-(2,5-dihydroxyphenyl)-1-(3-piperidinyl)-
 MF C15 H18 N4 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> fil stnguide
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.92	198.18

FILE 'STNGUIDE' ENTERED AT 14:19:51 ON 30 OCT 2008
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 24, 2008 (20081024/UP).

=> fil reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.18	198.36

FILE 'REGISTRY' ENTERED AT 14:21:50 ON 30 OCT 2008
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STRUCTURE FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3
DICTIONARY FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

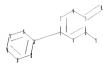
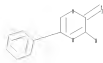
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\STNEXP\Queries\10583782broad.str



```

chain nodes :
7  8
ring nodes :
1  2  3  4  5  6  11  12  13  14  15  16
chain bonds :
2-11  5-8  6-7
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  11-12  11-16  12-13  13-14  14-15  15-16
exact/norm bonds :
1-2  1-6  2-3  3-4  5-6  5-8  6-7
exact bonds :
2-11  4-5
normalized bonds :
11-12  11-16  12-13  13-14  14-15  15-16
isolated ring systems :
containing 1 : 11 :

```

G1:O,S

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:Atom 12:Atom
13:Atom 14:Atom 15:Atom 16:Atom

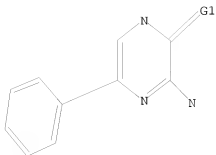
```

L7 STRUCTURE UPLOADED

=> d 17

L7 HAS NO ANSWERS

L7 STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s l7 sss sam

SAMPLE SEARCH INITIATED 14:22:17 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 71 TO ITERATE

100.0% PROCESSED 71 ITERATIONS

30 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 915 TO 1925

PROJECTED ANSWERS: 272 TO 928

L8 30 SEA SSS SAM L7

=> s l7 sss full

FULL SEARCH INITIATED 14:22:25 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1482 TO ITERATE

100.0% PROCESSED 1482 ITERATIONS

619 ANSWERS

SEARCH TIME: 00.00.01

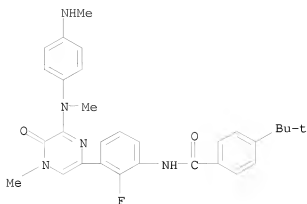
L9 619 SEA SSS FUL L7

=> d scan

L9 619 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Benamide, N-[3-[4,5-dihydro-4-methyl-6-[methyl[4-(methylamino)phenyl]amino]-5-oxo-2-pyrazinyl]-2-fluorophenyl]-4-(1,1-dimethylethyl)-

MF C30 H32 F N5 O2



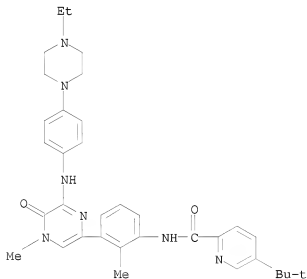
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L9 619 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 2-Pyridinecarboxamide, 5-(1,1-dimethylethyl)-N-[3-[6-[4-(4-ethyl-1-piperazinyl)phenyl]amino]-4,5-dihydro-4-methyl-5-oxo-2-pyrazinyl]-2-methylphenyl]-

MF C34 H41 N7 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

$$\Rightarrow 0$$

0 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

179.74

378.10

FILE 'REGISTRY' ENTERED AT 14:24:12 ON 30 OCT 2008

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STRUCTURE FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

DICTIONARY FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10583782new.str



chain nodes :

7 8 17

ring nodes :

1 2 3 4 5 6 11 12 13 14 15 16

chain bonds :

2-11 4-17 5-8 6-7

```

ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16
exact/norm bonds :
1-2 1-6 2-3 3-4 4-17 5-6 5-8 6-7
exact bonds :
2-11 4-5
normalized bonds :
11-12 11-16 12-13 13-14 14-15 15-16
isolated ring systems :
containing 1 : 11 :

```

G1:0,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:Atom 12:Atom
13:Atom 14:Atom 15:Atom 16:Atom 17:Atom

L10 STRUCTURE UPLOADED

=> s l10 ss

COMBINATION OF STRUCTURE AND TEXT TERMS NOT VALID

The query entered contains both search terms created by
structure-building or screen commands and text search terms. L#s
created via the STRUCTURE or SCREEN commands must be searched in the
structures files separately from text terms or profiles. The L#
answer sets from structure searches can be used in crossover searches
and can be combined with text terms.

=> s l10 sss sam

SAMPLE SEARCH INITIATED 14:24:35 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 71 TO ITERATE

100.0% PROCESSED 71 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 915 TO 1925

PROJECTED ANSWERS: 6 TO 266

L11 6 SEA SSS SAM L10

=> s l10 sss full

FULL SEARCH INITIATED 14:24:41 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1482 TO ITERATE

100.0% PROCESSED 1482 ITERATIONS

96 ANSWERS

SEARCH TIME: 00.00.01

L12 96 SEA SSS FUL L10

=> fil cap

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

178.36

556.46

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FILE COVERS 1907 - 30 Oct 2008 VOL 149 ISS 18
 FILE LAST UPDATED: 29 Oct 2008 (20081029/ED)

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=> s l12
 L13 1 L12

=> d ibib abs

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

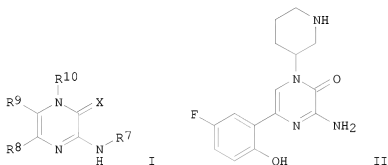
ACCESSION NUMBER: 2005:347011 CAPLUS
 DOCUMENT NUMBER: 142:411378
 TITLE: Preparation of pyrazinone compounds as IKK-2 kinase inhibitors for the treatment of inflammation
 INVENTOR(S): Boys, Mark L.; Clare, Michael; Mitton-Fry, Mark J.
 PATENT ASSIGNEE(S): Pharmacia Corporation, USA
 SOURCE: PCT Int. Appl., 115 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005035527	A1	20050421	WO 2004-IB3238	20041004
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2541667	A1	20050421	CA 2004-2541667	20041004
EP 1678164	A1	20060712	EP 2004-769554	20041004
EP 1678164	B1	20070411		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK

BR 2004015390	A	20061212	BR 2004-15390	20041004
JP 2007508366	T	20070405	JP 2006-534847	20041004
JP 3962425	B2	20070822		
AT 359283	T	20070515	AT 2004-769554	20041004
ES 2284054	T3	20071101	ES 2004-769554	20041004
MX 2006PA03746	A	20060614	MX 2006-PA3746	20060403
US 20070225291	A1	20070927	US 2006-583782	20061127
PRIORITY APPLN. INFO.:			US 2003-510870P	P 20031014
			WO 2004-1B3238	W 20041004

OTHER SOURCE(S): CASREACT 142:411378; MARPAT 142:411378
GI



AB Title compds. I [wherein X = O, S or (un)substituted NH; R7, R9 = H, OH, alkoxy, (halo)alkyl or (hetero)aryl; R8 = (un)substituted (hetero)cycloalk(en)yl or aryl; R10 = (un)substituted NH2, alkylene or N-containing heterocycloalkyl, and pharmaceutically acceptable salts thereof] were prepared as IKK-2 inhibitors. Thus, salt II-TFA, which showed inhibition against IKK-2 with IC50 of 0.903 μ M, was synthesized in six steps from 1-benzoyloxycarbonyl-3-aminopiperidine. Therefore, I are useful for the preparation of medicaments for the treatment of cancer, inflammation and inflammation-associated disorders.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> fil stnguide		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

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CA SUBSCRIBER PRICE	0.00	-0.80

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STRUCTURE FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3
 DICTIONARY FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

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 experimental property data in the original document. For information
 on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

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Uploading C:\Program Files\STNEXP\Queries\10583782last.str



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ring nodes :
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chain bonds :
2-11 4-12 5-8 6-7
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 2-11 3-4 4-12 5-6 5-8 6-7
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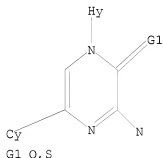
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4-5
isolated ring systems :
containing 1 : 11 :

G1:O,S

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:Atom 12:Atom
Generic attributes :
12:
Type of Ring System : Monocyclic

L14 STRUCTURE UPLOADED

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L14 HAS NO ANSWERS
L14 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 1397 TO ITERATE
100.0% PROCESSED 1397 ITERATIONS 6 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 25698 TO 30182
PROJECTED ANSWERS: 6 TO 265

L15 6 SEA SSS SAM L14

=> s l14 sss full
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FULL SCREEN SEARCH COMPLETED - 28154 TO ITERATE

100.0% PROCESSED 28154 ITERATIONS 102 ANSWERS
SEARCH TIME: 00.00.01

L16 102 SEA SSS FUL L14

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=> fil cap
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CA SUBSCRIBER PRICE                0.00      -0.80

FILE 'CAPLUS' ENTERED AT 14:29:16 ON 30 OCT 2008
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FILE LAST UPDATED: 29 Oct 2008  (20081029/ED)
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=> s l16
L17          1 L16
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'FIL' IS NOT A VALID FILE NAME
ENTER A FILE NAME OR (IGNORE):fil cap
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INDEX 'CAPLUS, STNGUIDE' ENTERED AT 14:30:07 ON 30 OCT 2008
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2 FILES IN THE FILE LIST IN STNINDEX
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FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
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=> fil reg
COST IN U.S. DOLLARS

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ENTRY	SESSION
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FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
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STRUCTURE FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3
DICTIONARY FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

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<http://www.cas.org/support/stngen/stndoc/properties.html>

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ring nodes :
1 2 3 4 5 6
chain bonds :
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exact/norm bonds :
1-2 1-6 2-3 2-11 3-4 4-12 5-6 5-8 6-7 12-13
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4-5 13-14
isolated ring systems :
containing 1 : 11 :

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G1:O,S

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1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:Atom 12:CLASS
13:CLASS 14:CLASS

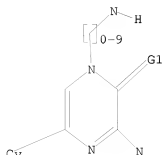
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L18 STRUCTURE UPLOADED

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L18 HAS NO ANSWERS
L18 STR

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G1 O,S

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SAMPLE SCREEN SEARCH COMPLETED - 325 TO ITERATE

100.0% PROCESSED 325 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

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PROJECTED ANSWERS: 0 TO 0

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=> s l18 sss full

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2 ANSWERS

SEARCH TIME: 00.00.01

L20 2 SEA SSS FUL L18

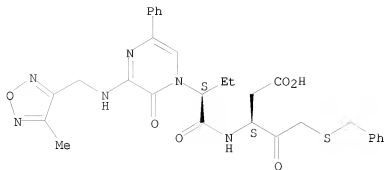
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L20 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

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MF C30 H32 N6 O6 S

Absolute stereochemistry.

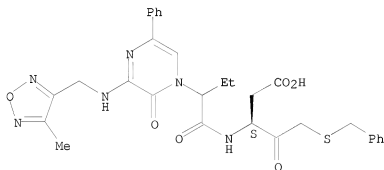


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L20 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
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 MF C30 H32 N6 O6 S

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> fil cap		
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	ENTRY	SESSION
FULL ESTIMATED COST	178.82	919.46
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	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.80

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FILE COVERS 1907 - 30 Oct 2008 VOL 149 ISS 18
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=> d his

(FILE 'HOME' ENTERED AT 14:15:04 ON 30 OCT 2008)

FILE 'REGISTRY' ENTERED AT 14:15:25 ON 30 OCT 2008
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L2 0 S L1 SSS FULL
L3

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1 S US 2006-583782/APPS

L4 FILE 'REGISTRY' ENTERED AT 14:18:27 ON 30 OCT 2008

FILE 'CAPLUS' ENTERED AT 14:18:34 ON 30 OCT 2008
TRA L4 1- RN : 106 TERMS

L5
L6 FILE 'REGISTRY' ENTERED AT 14:18:35 ON 30 OCT 2008
106 SEA L5

FILE 'STNGUIDE' ENTERED AT 14:19:51 ON 30 OCT 2008

FILE 'REGISTRY' ENTERED AT 14:21:50 ON 30 OCT 2008
STRUCTURE UPLOADED
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L8 619 S L7 SSS FULL
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FILE 'REGISTRY' ENTERED AT 14:24:12 ON 30 OCT 2008
STRUCTURE UPLOADED
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L11 96 S L10 SSS FULL
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L13 FILE 'CAPLUS' ENTERED AT 14:24:48 ON 30 OCT 2008
1 S L12

FILE 'STNGUIDE' ENTERED AT 14:25:34 ON 30 OCT 2008

FILE 'REGISTRY' ENTERED AT 14:28:12 ON 30 OCT 2008

L14 STRUCTURE UPLOADED
L15 6 S L14
L16 102 S L14 SSS FULL

FILE 'CAPLUS' ENTERED AT 14:29:16 ON 30 OCT 2008
L17 1 S L16

INDEX 'CAPLUS, STNGUIDE' ENTERED AT 14:30:07 ON 30 OCT 2008

FILE 'STNGUIDE' ENTERED AT 14:30:12 ON 30 OCT 2008

FILE 'REGISTRY' ENTERED AT 14:36:07 ON 30 OCT 2008
L18 STRUCTURE UPLOADED
L19 0 S L18
L20 2 S L18 SSS FULL

FILE 'CAPLUS' ENTERED AT 14:37:19 ON 30 OCT 2008

=> s l20

L21 3 L20

=> d 1-3 ibib abs hitstr

L21 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:855766 CAPLUS

DOCUMENT NUMBER: 139:345913

TITLE: Identification of tumor necrosis factor α
(TNF- α) modulator compounds, and use for
treatment of TNF-mediated diseases

INVENTOR(S): Miller, Karen; Diu-Hercend, Anita; Hercend, Thierry;
Lang, Paul; Weber, Peter; Golec, Julian; Mortimore,
Michael

PATENT ASSIGNEE(S): Vertex Pharmaceuticals Incorporated, USA

SOURCE: PCT Int. Appl., 268 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003088917	A2	20031030	WO 2003-US12262	20030417
WO 2003088917	A3	20040304		
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003225088	A1	20031103	AU 2003-225088	20030417
US 20040048797	A1	20040311	US 2003-419327	20030417
EP 1499898	A2	20050126	EP 2003-721795	20030417
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:			US 2002-374434P	P 20020419
			WO 2003-US12262	W 20030417

AB The invention discloses methods for identifying compds. useful for

regulating TNF- α levels and/or activity. The invention also discloses methods for decreasing TNF- α levels and/or activity. Comps. and compns. of the invention are useful for treating TNF-mediated diseases. The invention further discloses kits comprising the compds. and compns. herein and a tool for measuring TNF- α activity and/or levels. Preparation of selected compds., e.g. [3S/R, (2S)]-5-fluoro-4-oxo-3-[(1-(phenothiazine-10-carbonyl)piperidine-2-carbonyl)amino]pentanoic acid, is described.

IT 321436-86-6

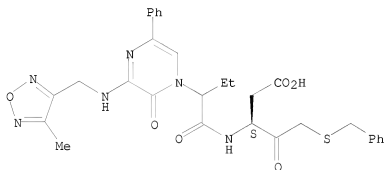
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(TNF- α modulator compound identification methods, and use for treatment of TNF-mediated diseases)

RN 321436-86-6 CAPLUS

CN Pentanoic acid, 3-[[2-[3-[[[4-methyl-1,2,5-oxadiazol-3-yl)methyl]amino]-2-oxo-5-phenyl-1(2H)-pyrazinyl]-1-oxobutyl]amino]-4-oxo-5-[(phenylmethyl)thio]-, (3S)- (CA INDEX NAME)

Absolute stereochemistry.



L21 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:656594 CAPLUS

DOCUMENT NUMBER: 139:191460

TITLE: Phospholipids as caspase inhibitor prodrugs

INVENTOR(S): Mortimore, Michael; Golec, Julian M. C.

PATENT ASSIGNEE(S): Vertex Pharmaceuticals Incorporated, USA

SOURCE: PCT Int. Appl., 256 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003068242	A1	20030821	WO 2003-US4457	20030211
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AU 2003211052	A1	20030904	AU 2003-211052	20030211

US 20040019017	A1	20040129	US 2003-366192	20030211
US 7410956	B2	20080812		
EP 1485107	A1	20041215	EP 2003-739810	20030211
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US 20080199454	A1	20080821	US 2007-5068	20071221
PRIORITY APPLN. INFO.:			US 2002-355889P	P 20020211
			US 2003-366192	A3 20030211
			WO 2003-US4457	W 20030211

OTHER SOURCE(S): MARPAT 139:191460

AB The invention relates to compds. which are prodrugs of caspase inhibitors and pharmaceutically acceptable salts thereof. The invention further relates to the release of caspase inhibitors from these compds. through selective bond cleavage. The invention further relates to pharmaceutical compns. comprising these compds., which are particularly well-suited for treatment of caspase-mediated diseases, including inflammatory and degenerative diseases. The invention further relates to methods for preparing compds. of this invention.

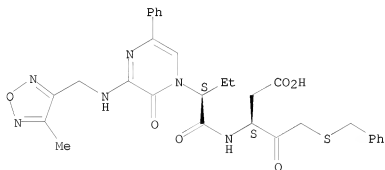
IT 582317-12-2

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(phospholipids as caspase inhibitor prodrugs)

RN 582317-12-2 CAPLUS

CN Pentanoic acid, 3-[[[(2S)-2-[3-[[[4-methyl-1,2,5-oxadiazol-3-yl)methylamino]-2-oxo-5-phenyl-1(2H)-pyrazinyl]-1-oxobutyl]amino]-4-oxo-5-[(phenylmethyl)thio]-, (3S)- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 2001:63981 CAPLUS

DOCUMENT NUMBER: 134:115970

TITLE: Preparation and effect of pyrazinones against caspase-3

INVENTOR(S): Han, Yongxin; Giroux, Andre; Zamboni, Robert; McKay, Daniel J.; Bayly, Christopher I.; Grimm, Erich L.; Colucci, John

PATENT ASSIGNEE(S): Merck Frosst Canada and Co., Can.

SOURCE: PCT Int. Appl., 92 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

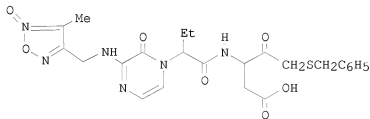
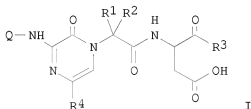
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001005772	A1	20010125	WO 2000-CA833	20000717
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2378834	A1	20010125	CA 2000-2378834	20000717
EP 1202976	A1	20020508	EP 2000-947711	20000717
EP 1202976	B1	20061102		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003505378	T	20030212	JP 2001-511433	20000717
AU 773317	B2	20040520	AU 2000-61432	20000717
AT 344249	T	20061115	AT 2000-947711	20000717
ES 2274795	T3	20070601	ES 2000-947711	20000717
US 6444811	B1	20020903	US 2000-618875	20000719
US 20030236402	A1	20031225	US 2002-202817	20020725
US 6699856	B2	20040302		
PRIORITY APPLN. INFO.:			US 1999-144466P	P 19990719
			US 1999-170614P	P 19991214
			WO 2000-CA833	W 20000717
			US 2000-618875	A3 20000719

OTHER SOURCE(S): MARPAT 134:115970
GI



AB Title compds. [I; R1 = H; R2 = CH3CH2, CH3OCH2, C6H5, CH3SCH2, C6H5CH2OCH2, H, CH3(CH2)2; R1R2 = (CH2)4, CH3N(CH2)2(CH2)2; R3 = C6H5CH2SCH2, 2-F-6-ClC6H3CH2SCH2, C6H5CH2NHCH2, H, C6H5CH2N(CH3)CH2, C6H5CH2N(CH2CH3)CH2, CH3(CH2)N(CH2)CH2, C6H5(CH2)3, CH3; R4 = H, CH3CH2, (CH3)3C, (CH3)2CH; Q = heterocyclylalkyl, heterocyclyl, heterocyclylphenyl, heterocyclylphenylalkyl, CH3OCH2CH2, enantiomers, pharmaceutically acceptable salts, esters, N-oxides and hydrates are disclosed. Pharmaceutical compns. and methods of use are also included. The compds. are active against the caspase-3 enzyme, and thus are useful

to treat caspase-3 mediated diseases and conditions. Thus, the title compound II was prepared and tested.

IT 321436-86-6P

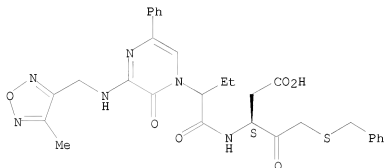
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation and effect of pyrazinones against caspase-3 enzyme)

RN 321436-86-6 CAPLUS

CN Pentanoic acid, 3-[[[2-[3-[[[4-methyl-1,2,5-oxadiazol-3-yl)methyl]amino]-2-oxo-5-phenyl-1(2H)-pyrazinyl]-1-oxobutyl]amino]-4-oxo-5-(phenylmethyl)thio]-, (3S)- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

16.83	936.29
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

-2.40	-3.20
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